EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	32	(spatial adj memory) & (graphical same interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:29
L2	17	1 & server	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:12
L3	2	("6088032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 09:12
L4	4	(spatial same memory) & (graphical same interface) & (sever same object$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:42
L5	56	(spatial adj object$1) same server	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:31
L6	26	5 & (graphical same interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 09:29
L7	4	("5848373" | "5978567" | "6144375" | "6151610").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 09:34
L8	1	("6401102").URPN.	USPAT	OR	ON	2006/05/23 09:40
L9	1	virtual same geographic same "spatial object"	USPAT	OR	ON	2006/05/23 09:41
L10	8	virtual same "spatial object"	USPAT	OR	ON	2006/05/23 09:45
L11	33	virtual & "spatial object"	USPAT	OR	ON	2006/05/23 09:57
L12	0	(virtual same object) same inreface same server	USPAT	OR	ON	2006/05/23 09:47

EAST Search History

L13	394	(virtual same object) same interface same server	USPAT	OR	ON	2006/05/23 09:57
L14	0	13 & "spatial object"	USPAT	OR	ON	2006/05/23 09:47
L15	55	13 & spatial	USPAT	OR	ON	2006/05/23 09:48
L16	34	15 & ((definition correlation) same server)	USPAT	OR	ON	2006/05/23 09:48
L17	381	(virtual same object) same (graphical same interface)	USPAT	OR	ON	2006/05/23 09:57
L18	0	17 & "spatial object"	USPAT	OR	ON	2006/05/23 10:16
L19	122	"spatial object"	USPAT	OR	ON	2006/05/23 09:57
L20	18	19 & (virtual same object)	USPAT	OR	ON	2006/05/23 09:58
L21	4	("5848373" | "5978567" | "6144375" | "6151610").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 10:15
L22	2	("6144375").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/23 10:13
L23	15857	virtual same map$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 10:16
L24	10	23 & "spatial object"	USPAT	OR	ON	2006/05/23 10:17
L25	2	(virtual same geographic) & "spatial object"	USPAT	OR	ON	2006/05/23 10:19
L26	100	(virtual same geographic) & (object$1 same server)	USPAT	OR	ON	2006/05/23 10:19
L27	36	(virtual same geographic) & (virtual same object$1 same server)	USPAT	OR	ON	2006/05/23 10:19
L28	21	27 & (definition correllation)	USPAT	OR	ON	2006/05/23 10:23
L29	21	28 & server	USPAT	OR	ON	2006/05/23 10:24
L30	19	28 & (display same server)	USPAT	OR	ON	2006/05/23 10:24
L31	0	("55553545857199617923965777 14").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L32	0	("555535 458571 996179 23965 77714").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L33	1	"5555354".pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L34	3	("62599451" "5857199" "6173239" "6577714").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26

EAST Search History

L35	1	"6259451".pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L36	2969	(345/419,427).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/23 11:26
L37	1	("5528735").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/23 11:26
L38	0	"spatial data lelationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L39	40338	spatial same data	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L40	4381	spatial same data same relation$4	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L41	2	"spatial data relationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L42	9	"Kothuri; Ravi"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L43	0	L42 & "spatial data lelationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L44	9	L42 & L39	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L45	9	L44 & server	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L46	3	L44 & (server same (user client))	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L47	3	L46 & (relat$3 same data)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L48	0	L46 & ((tructur$3 herarchical) same object)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L49	0	L46 & ((structur$3 herarchical) same object)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L50	3	L46 & (structur$3 herarchical)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L51	3	L50 & object	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L52	3	L51 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L53	0	L51 & property	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L54	0	L52 & property	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L55	0	L52 & mouse	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26

EAST Search History

L56	3	L52 & point$3	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L57	10	(US-5467444-$ or US-5528735-$ or US-5555354-$ or US-5721691-$ or US-5857199-$ or US-6173239-$ or US-6259451-$ or US-6381605-$ or US-6470344-$ or US-6577714-$).did.	USPAT	OR	ON	2006/05/23 11:26
L58	0	L57 & (object$1 same propert$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L59	7401	(object$1 same propert$3) & (server$1 same client$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L60	0	L58 & L59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L61	0	L57 & L59	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L62	0	L57 & propert$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L63	4381	spatial same data same relation$4	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L64	518	L63 & (object$1 same propert$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L65	166	L59 & L64	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26

EAST Search History

L66	0	L65 & malloy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L67	7598	malloy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L68	0	L65 & L67	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L69	0	L65 & "server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L70	0	L63 & "server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L71	1	"server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L72	0	L65 & (hierachical same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L73	49	L65 & (hierarchical same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L74	49	L73 & (server same client)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L75	49	L74 & relat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26

EAST Search History

L76	48	L74 & relationship	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L77	25	L76 &(generat$3 same relationship)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:26
L78	0	("55553545857199617923965777 14").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:26
L79	0	("555535 458571 996179 23965 77714").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L80	2969	(345/419,427).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/23 11:27
L81	0	"spatial data lelationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L82	40338	spatial same data	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L83	4381	spatial same data same relation$4	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L84	9	"Kothuri; Ravi"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L85	0	L84 & "spatial data lelationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L86	9	L84 & L82	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L87	9	L86 & server	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L88	3	L86 & (server same (user client))	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L89	3	L88 & (relat$3 same data)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L90	0	L88 & ((tructur$3 herarchical) same object)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L91	0	L88 & ((structur$3 herarchical) same object)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L92	3	L88 & (structur$3 herarchical)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L93	3	L92 & object	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L94	0	L93 & property	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27

EAST Search History

L95	3	L93 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L96	0	L95 & property	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L97	0	L95 & mouse	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L98	10	(US-5467444-$ or US-5528735-$ or US-5555354-$ or US-5721691-$ or US-5857199-$ or US-6173239-$ or US-6259451-$ or US-6381605-$ or US-6470344-$ or US-6577714-$).did.	USPAT	OR	ON	2006/05/23 11:27
L99	0	L98 & (object$1 same propert$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L100	7401	(object$1 same propert$3) & (server$1 same client$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L101	0	L99 & L100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L102	0	L98 & L100	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L103	0	L98 & propert$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L104	4381	spatial same data same relation$4	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L105	518	L104 & (object$1 same propert$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L106	166	L100 & L105	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27

EAST Search History

L107	0	L106 & malloy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L108	7598	malloy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L109	0	L106 & L108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L110	0	L106 & "server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L111	0	L104 & "server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L112	0	L106 & (hierachical same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L113	49	L106 & (hierarchical same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L114	49	L113 & (server same client)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L115	49	L114 & relat$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L116	48	L114 & relationship	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27

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L117	1	"5555354".pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L118	1	"6259451".pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L119	1	("5528735").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/23 11:27
L120	1	"server object property"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L121	3	("62599451" "5857199" "6173239" "6577714").pn.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L122	2	"spatial data relationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L123	9	"Kothuri; Ravi"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L124	3	L86 & (server same (user client))	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L125	3	L92 & object	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L126	3	L93 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L127	3	L95 & point$3	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L128	10	(US-5467444-$ or US-5528735-$ or US-5555354-$ or US-5721691-$ or US-5857199-$ or US-6173239-$ or US-6259451-$ or US-6381605-$ or US-6470344-$ or US-6577714-$).did.	USPAT	OR	ON	2006/05/23 11:27
L129	49	L106 & (hierarchical same data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L130	25	L116 &(generat$3 same relationship)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L131	25	L116 &(generat$3 same relationship)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27

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L132	19	L131 & (graphical near3 interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L133	19	L132 & (tree hierarchical relelat$5 parent child$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L134	576	L104 & (graphical near3 interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L135	447	L134 & (tree hierarchical relelat$5 parent child$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L136	447	L135 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L137	269	L136 &(generat$3 same relationship)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L138	7226	malloy	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L139	452	malloy.inv.	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L140	0	L134 & L139	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L141	0	L139 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L142	447	L136 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L143	447	L142 & (tree hierarchical relelat$5 parent child$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:27
L144	231	L143 & (server same (user client))	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27

EAST Search History

L145	34029	61& (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L146	231	L144 & (spatial same relation$)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L147	2	L145 & "spatial data relationship"	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L148	16	(US-5467444-$ or US-5528735-$ or US-5555354-$ or US-5721691-$ or US-5857199-$ or US-6111582-$ or US-6173239-$ or US-6259451-$ or US-6381605-$ or US-6470344-$ or US-6564263-$ or US-6577714-$ or US-5408603-$ or US-5467441-$ or US-5533183-$ or US-6687404-$).did.	USPAT	OR	ON	2006/05/23 11:27
L149	18	L132 & (server near3 client)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L150	18	L132 & (server with client)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L151	6	L148 & (server with client)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L152	6	L148 & (server near3 client)	US-PGPUB; USPAT	OR	ON	2006/05/23 11:27
L153	1	("6381605").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/23 11:27
L154	536	vgis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:40
L155	0	1 & 154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:40
L156	0	150 & 154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:40

EAST Search History

L157	114	((virtual same geographic same information same system) "VGIS") same object$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:41
L158	0	157 & (spatial same memory) & (graphical same interface) & (sever same object$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:42
L159	10	157 & (graphical same interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:42

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1 Research papers: continuous queries: Conceptual partitioning: an efficient method for continuous nearest neighbor monitoring

Kyriakos Mouratidis, Dimitris Papadias, Marios Hadjieleftheriou

June 2005 **Proceedings of the 2005 ACM SIGMOD international conference on Management of data**

Publisher: ACM Press

Full text available: pdf(516.00 KB) Additional Information: full citation, abstract, references

Given a set of objects *P* and a query point *q*, a *k* nearest neighbor (*k*-NN) query retrieves the *k* objects in *P* that lie closest to *q*. Even though the problem is well-studied for static datasets, the traditional methods do not extend to highly dynamic environments where multiple continuous queries require real-time results, and both objects and queries receive frequent location updates. In this paper we propose *conceptual partitioning* (CPM), a ...

2 Compilers I: Compiler support for efficient processing of XML datasets

Xiaogang Li, Renato Ferreira, Gagan Agrawal

June 2003 **Proceedings of the 17th annual international conference on Supercomputing**

Publisher: ACM Press

Full text available: pdf(189.03 KB) Additional Information: full citation, abstract, references, index terms

Declarative, high-level, and/or application-class specific languages are often successful in easing application development. In this paper, we report our experiences in compiling a recently developed XML Query Language, XQuery for applications that process scientific datasets.Though scientific data processing applications can be conveniently represented in XQuery, compiling them to achieve efficient execution involves a number of challenges. These are, 1) analysis of recursive functions to ident ...

Keywords: XML, XQuery, data intensive computing, restructing compilers

3 Reflective controls for intelligent distributed objects

En-Hsin Huang, Tzilla Elrad

March 2001 **Proceedings of the 2001 ACM symposium on Applied computing**

Publisher: ACM Press

Full text available: pdf(42.50 KB) Additional Information: full citation, references, index terms

Keywords: autonomous, distributed objects, intelligence, reflective controls

4 Indexing field values in field oriented systems: interval Quadtree

Myoung-Ah Kang, Sylvie Servigne, Ki-Joune Joune Li, Robert Laurini

November 1999 **Proceedings of the eighth international conference on Information and knowledge management**

Publisher: ACM Press

Full text available: pdf(846.29 KB) Additional Information: full citation, abstract, references, index terms

With the extension of spatial database applications, field oriented systems emerge as an important research issue in order to deal with continuous natural phenomena during the last years. It however has a large volume of data and efficient indexing methods for field data are necessary to overcome the performance obstacle. In special, we introduce indexing methods for field value queries (i.e. searching some regions where the temperature is more 20 degrees). We introduce the concept of

Keywords: field oriented systems, field values, indexing method, subfield

5 Integrating OO road network database, cases and knowledge for route finding

Muhammad Abaidullah Anwar, Takaichi Yoshida

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Keywords: must_be_passed link, Dijkstra's algorithm, case-based reasoning, knowledge-based techniques, road sub-network

6 Pretenuring for Java

Stephen M. Blackburn, Sharad Singhai, Matthew Hertz, Kathryn S. McKinely, J. Eliot B. Moss

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Pretenuring can reduce copying costs in garbage collectors by allocating long-lived objects into regions that the garbage collector with rarely, if ever, collect. We extend previous work on pretenuring as follows. (1) We produce pretenuring advice that is neutral with respect to the garbage collector algorithm and configuration. We thus can and do combine advice from different applications. We find that predictions using object lifetimes at each allocation site in Java prgroams are accurate, whi ...

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